EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13728521	@ad<"20030805"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:30
L2	2805	709/226.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:30
L3	2230	1 and 2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:30
L4	2034	application and 3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:31
L5	807733	graphics video multimedia	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:31
L6	1037	4 and 5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:31
L7	176058	5 same application	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:31
L8	526	6 and 7	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:32
L9	25414	resource with (allocation reservation)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:33
L10	155	8 and 9	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:33
L11	6355	9 same application	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 17:33

L12	84	10 and 11	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:10
L13	10474	709/217-219.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:10
L14	8098	1 and 13	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:10
L15	5666	content with distribution with network	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L16	248	14 and 15	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L17	44673	retriev$ with files	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L18	53	16 and 17	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L19	26	multimedia and 18	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L20	15762	distributed with (files fragments)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11
L21	13	19 and 20	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/09/29 18:11

PORTAL
USPTO

Search: ⦿ The ACM Digital Library ◯ The Guide

+"content distribution network" +multimedia +fragments   **SEARCH**

THE ACM DIGITAL LIBRARY

Published before August 2003
Terms used: **content distribution network multimedia fragments**

Found **7** of **146,552**

Sort results by | relevance

Display results | expanded form

💾 Save results to a Binder
❓ Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 7 of 7

Relevance scale ☐ ☐ ▣ ▣ ▪

1 Multimedia: Architecture of a quality based intelligent proxy (QBIX) for MPEG-4 videos

Peter Schojer, Laszlo Böszörmenyi, Hermann Hellwagner, Bernhard Penz, Stefan Podlipnig
May 2003 **Proceedings of the 12th international conference on World Wide Web WWW '03**
Publisher: ACM Press

Full text available: 📄 pdf(296.15 KB)   Additional Information: full citation, abstract, references, citings, index terms

Due to the increasing availability and use of digital video data on the Web, video caching will be an important performance factor in the future WWW. We propose an architecture of a video proxy cache that integrates modern multimedia and communication standards. Especially we describe features of the MPEG-4 and MPEG-7 multimedia standards that can be helpful for a video proxy cache. QBIX supports real-time adaptation in the compressed and in the decompressed domain. It uses adaptation to improve ...

Keywords: LRU, MPEG-4, MPEG-7, RTP, RTSP, media adaptation, media gateway, replacement, video caching, video proxy

2 Content management: Dynamic program insertion in high quality video over IP

Taehyun Kim, Jack Brassil
June 2003 **Proceedings of the 13th international workshop on Network and operating systems support for digital audio and video NOSSDAV '03**
Publisher: ACM Press
Full text available: 📄 pdf(269.10 KB)   Additional Information: full citation, abstract, references, index terms

We introduce an overlay network architecture and signaling mechanism that permit program insertions in live, high quality video streams transmitted over IP networks. We describe the implementation of an application proxy that dynamically inserts pre-recorded video programs into NTSC D1 quality Motion-JPEG streams with no visible artifacts. As increases in computing power further enable the modification of video during transport, new services such as personalized commercial advertisement insertio ...

Keywords: content delivery networks (CDNs), digital television (DTV), multimedia signaling, program and system information protocol (PSIP), program cues, real-time transport protocol (RTP), video streaming

3 Network behavior: An analysis of Internet content delivery systems

Stefan Saroiu, Krishna P. Gummadi, Richard J. Dunn, Steven D. Gribble, Henry M. Levy

December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

Publisher: ACM Press

Full text available: pdf(2.07 MB)   Additional Information: full citation, abstract, references, cited by, index terms

In the span of only a few years, the Internet has experienced an astronomical increase in the use of specialized content delivery systems, such as content delivery networks and peer-to-peer file sharing systems. Therefore, an understanding of content delivery on the Internet now requires a detailed understanding of how these systems are used in practice.This paper examines content delivery from the point of view of four content delivery systems: HTTP web traffic, the Akamai content delivery netw ...

4 Scalability study of the ad hoc on-demand distance vector routing protocol

Sung-Ju Lee, Elizabeth M. Belding-Royer, Charles E. Perkins

March 2003 **International Journal of Network Management**, Volume 13 Issue 2

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(669.50 KB)   Additional Information: full citation, abstract, references, citings, index terms

As mobile networking continues to experience increasing popularity, the need to connect large numbers of wireless devices will become more prevalent. Many recent proposals for ad hoc routing have certain characteristics that may limit their scalability to large networks. This paper examines five different combinations of modifications that may be incorporated into virtually any on-demand protocol in order to improve its scalability. The scalability of current on-demand routing protocols is evalu ...

5 Distribution Overlays: Broadcast federation: an application-layer broadcast internetwork

Yatin Chawathe, Mukund Seshadri

May 2002 **Proceedings of the 12th international workshop on Network and operating systems support for digital audio and video NOSSDAV '02**

Publisher: ACM Press

Full text available: pdf(414.86 KB)   Additional Information: full citation, abstract, references, citings, index terms

Researchers and commercial developers have proposed several protocols to enable efficient multi-point communication both at the IP layer and at the application or overlay layer. However, no single protocol has made enough headway in terms of deployment for it to span the entire Internet. In fact, we believe that none of the existing multicast or broadcast protocols will become the sole dominant Internet broadcasting technology any time in the near future. Instead, we expect islands of non-intero ...

Keywords: broadcast, inter-domain, internetworking, multicast, overlay

6 Enabling full service surrogates using the portable channel representation

Micah Beck, Terry Moore, Leif Abrahamsson, Christophe Achouiantz, Patrick Johansson

April 2001 **Proceedings of the 10th international conference on World Wide Web WWW '01**

Publisher: ACM Press

Full text available: pdf(282.92 KB)   Additional Information: full citation, references, citings, index terms

Keywords: content distribution, dynamic content, mirroring, portability, replication, surrogate, web server

7 Virtual machines: Scale and performance in the Denali isolation kernel

Andrew Whitaker, Marianne Shaw, Steven D. Gribble

December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

Publisher: ACM Press

Full text available: pdf(1.91 MB)   Additional Information: full citation, abstract, references, cited by, index terms

This paper describes the Denali isolation kernel, an operating system architecture that safely multiplexes a large number of untrusted Internet services on shared hardware. Denali's goal is to allow new Internet services to be "pushed" into third party infrastructure, relieving Internet service authors from the burden of acquiring and maintaining physical infrastructure. Our isolation kernel exposes a virtual machine abstraction, but unlike conventional virtual machine monitors, Denali does not ...

Results 1 - 7 of 7

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player